

CALIBRATOR

Abstract of the Disclosure

A method calibrates a monitor that comprises a non-invasive blood constituent monitor and a traditional measurement system. The non-invasive blood constituent monitor includes a thermal gradient inducing element and an analyzer window. A traditional monitor output representing a property of a blood constituent is generated by the traditional measurement system. A non-invasive monitor output representing the property of the whole blood constituent is generated by the non-invasive constituent monitor. The traditional monitor output and the non-invasive monitor output are compared to estimate an amount of error. The non-invasive monitor output is corrected by the amount of error.

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